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(formerly 33154-176173)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Yang-Chang WU

Serial No.

10/005,324

Filing Date:

December 7, 2001

For:

CYTOTOXIC ANNONACEOUS

ACETOGENINS FROM ANNONA MURICATA

Atty. Docket No.

AD7040852001

(formerly 33144-177127)

Group Art Unit: 1625

Examiner:

COVINGTON, Raymond K

Customer No.

23639 23639

PATENT TRADEMARK OFFICE

DECLARATION UNDER 37 CER 1.132

I, Yi-Jen Lee, declare as follows:

- I am an investigator at AdvPharma, Inc., located at No. 207, Hsia-Liao, Fu-An Village,
 Hou-Bi Tainan Taiwan (731), Republic of China.
- I have studied the cytotoxic effects of muricins A, E, and G in various human tumor cell lines. The muricins A, E, and G are extracted from Annona muricata and purified by the method described in the above-captioned patent application.
- 3. I used an MTT (3-4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide) metabolic assay method to test the muricins A, E, and G in five human tumor cell lines, including human colon adenocarcinoma (COLO205), human lung adenocarcinoma (H23), human acute lymphoblastic leukemia (MOLT-4), human prostate carcinoma (LNCaP), and an adriamycin-resistant human lung adenocarcinoma cell line (H23/0.3, overexpress p-glycoprotein).
- 4. The MTT method is fully disclosed by Moonks et al., L. Natl. Cancer Inst. (1991) 83(11), DCDCCS/624759.1

The results of my studies showed that muricins A, E, and G demonstrated tumor 5. inhibition activities. Among them, Muricin A was potentially effective against LNCaP cells, the IC₅₀ was 0.69 μM. Muricins G was potentially effective against COLO205 cells and an adriamycin-resistant lung tumor cells H23/0.3, the IC50 was 0.71 µM and 1.55 µM, respectively.

I hereby declare that all statements made herein true, and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Yi-Jen Lee
Yi-Jen Lee

May 6th, 2005

DCDOCS/624759.1